

NOTES:

1. GRINDER PUMPS SHALL BE LOCATED ON EACH LOT/PARCEL AS AGREED BY JCSA AND THE OWNER/CONTRACTOR AND A MINIMUM OF 10 FEET AWAY FROM FOUNDATIONS & STRUCTURES (REFERENCE JCSA'S GRINDER PUMP PROCEDURAL SHEET).
2. GRINDER PUMP ASSEMBLIES SHALL BE "ENVIRONMENT-1" MODEL DH071 AS MANUFACTURED BY ENVIRONMENT ONE CORPORATION.
3. SADDLES MAY BE USED FOR CONNECTIONS TO GRAVITY SEWERS.
4. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
5. SHUT OFF VALVE SHALL BE LOCATED AT PROPERTY LINE.
6. SHUT OFF VALVE MAY BE DELETED WHEN BYPASS ASSEMBLY IS LOCATED ON/AT THE PROPERTY LINE.
7. THE LOCK AND PUMP WRENCH DELIVERED WITH THE GRINDER PUMP ARE TO BE LEFT IN THE CAN UNTIL JCSA PERSONNEL ARRIVE.
8. THE GRINDER PUMP FORCE MAIN SHALL BE TESTED AT 1½ TIMES THE WORKING PRESSURE OR 150 PSI WHICHEVER IS GREATER.
9. BALL VALVES SHALL BE USED ON LINES SMALLER THAN 3-INCHES IN DIAMETER AND SHALL BE CAST BRASS, TEE HEAD, WITH THREADED CONNECTIONS. VALVES SHALL BE AS MANUFACTURED BY THE FORD METER BOX COMPANY, INC. B11, MUELLER COMPANY 300 BALL CURB VALVE B-20283, OR CAMBRIDGE PN #212NL-F6F6. HAND WHEEL ACTIVATED VALVES ARE NOT PERMITTED.
10. NO FORCE MAIN SHALL BE UNDER THE DRIVEWAY IF A MAINTENANCE AGREEMENT IS TO BE OBTAINED, EXCEPT ONE (1) PERPENDICULAR CROSSING OF A DRIVEWAY OR SIDEWALK. THE CROSSING SHALL BE IN A CASING WITH THE ENDS SEALED USING ELASTOMERIC MATERIAL.
11. TO BE ELIGIBLE FOR A GRINDER PUMP SERVICE AGREEMENT, THE GRINDER PUMP ASSEMBLY, PIPE AND APPURTENANCES SHALL CONFORM WITH JCSA DESIGN AND ACCEPTANCE CRITERIA, SECTION 2.5 "EASEMENTS" PARAGRAPH 3.

REVISION DATE	COMMENT
NOV. 2008	ADDED NOTE 11
APRIL 2010	REVISED NOTE 1
JUNE 2010	REVISED NOTE 3 – MODEL NUMBER CHANGED
JULY 2011	REVISED NOTES 10 & 11 AND ADAPTER CALL-OUT
JAN. 2015	NOTES WERE REVISED



**RESIDENTIAL GRINDER PUMP
INSTALLATION** 2 OF 2

DWG NO. GP.1	SCALE: NONE
DWN BY: DAW	DATE: 1-1-2002